

# Strong Winds, Heavy Rain, and Coastal Flooding Expected Tonight



New York, NY  
WEATHER FORECAST OFFICE

## OVERVIEW

- Deepening low pressure will produce strong winds, heavy rain, and coastal flooding tonight.



## Marine Watches Warnings and Advisories



Graphic Created  
April 18th, 2022  
5:06 PM CDT

## HAZARDS & IMPACTS

- **Coastal Flooding:** Vulnerable coastal locales during time of high tide tonight
  - **Widespread Moderate coastal flooding (2 to 2 ½ ft above ground)** along Western LI Sound.
  - **Widespread Minor to locally moderate flooding (1 ½ to 2 ft above ground)** along western Great South Bay and Jamaica Bay.
  - **Minor coastal flooding (1 to 1 ½ ft above ground)** along NY/NJ Harbor, Eastern LI, and S New Haven.
- **Strong Winds:** 25-35 mph with gusts to 55 mph between 9pm-5am. A few locally higher gusts are possible across eastern Long Island.
  - **Impacts:** Strong winds will down numerous tree limbs and blow around unsecured objects. A few/scattered trees and power lines could be downed. Travel will be difficult, especially for high profile vehicles.
- **Heavy Rain:** 1-2" storm total, most falling between 10pm and 4am.
  - Rainfall Rates – Up to ½" per hour.
  - Impacts – Flash flood threat for NYC/NJ metro as well as near fast responding rivers and streams in NJ. Minor urban and poor drainage flood threat elsewhere.
- **Snow:** 2-4" NW of I-84 in Western Orange County tonight for elevations above 750 ft.

## NWS ALERTS

- **Wind Advisory:** 8 pm to 6 am (see map on page 2 for locations).
- **Gale Warning:** 6 pm to 6 am for all coastal waters.
- **Coastal Flood Warnings and Advisories:** Around the times of high tide late tonight (see map for locations).
- **Flood Watch:** 10pm to 8am for Northeast New Jersey, NYC, Rockland & Westchester counties (see map on page 3 for locations).

## NEXT BRIEF

- This is the last briefing for this event.

# Expected Peak Wind Gusts



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## Wind Watches Warnings and Advisories

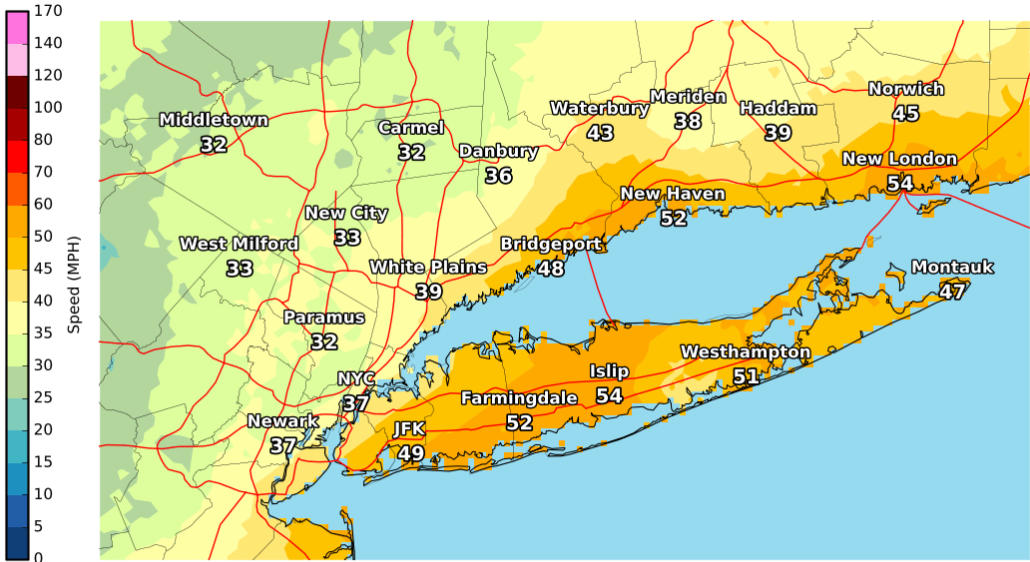
- High Wind Warning
- Wind Advisory



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April 18th, 2022  
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## Max Wind Gusts

Valid: 04/18/2022 08:00 PM - 04/19/2022 06:00 AM EDT



National Weather Service  
New York NY  
04/18/2022 05:19 PM EDT

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# Expected Storm Total Rainfall



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## Flood Watches Warnings and Advisories

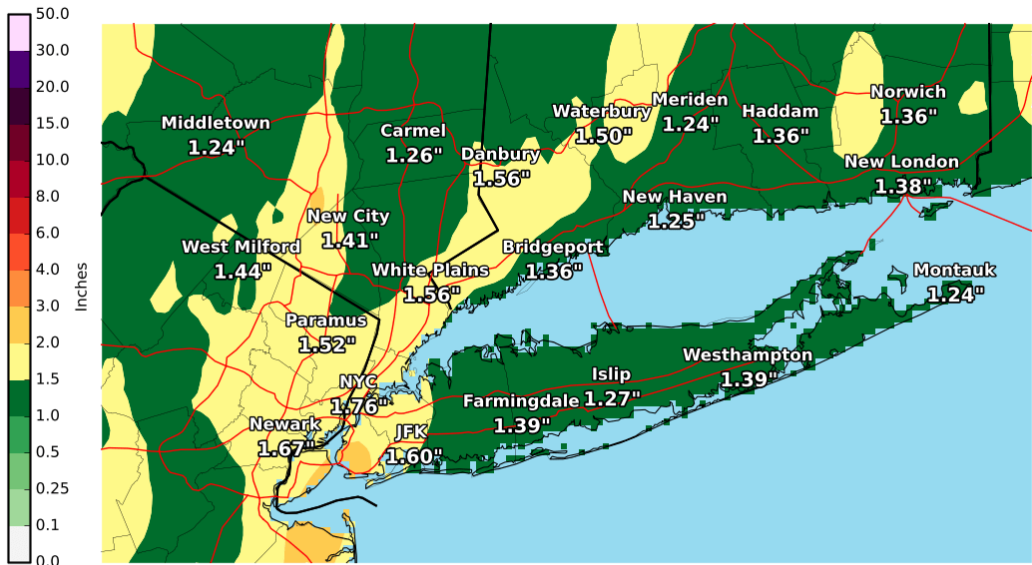
Flood Watch



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## Expected Rainfall - Official NWS Forecast

Valid: 04/18/2022 02:00 PM - 04/19/2022 02:00 PM EDT

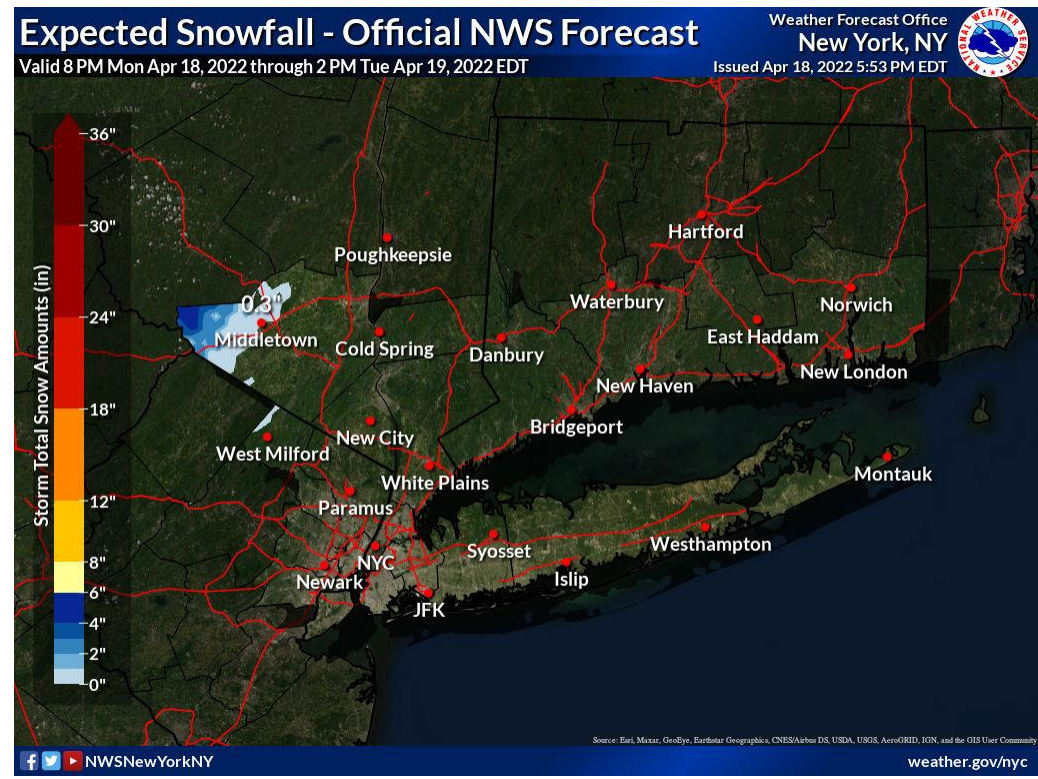


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# Expected Storm Total Snowfall



Snow amounts could be close to these levels if the storm tracks slightly farther east

